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NPIC/R-1009/62  
March 1962

PHOTOGRAPHIC INTERPRETATION REPORT

## MISSION COVERAGE INDEX

25X1C

MISSION [REDACTED] 102  
22 FEBRUARY 1962



ARMY



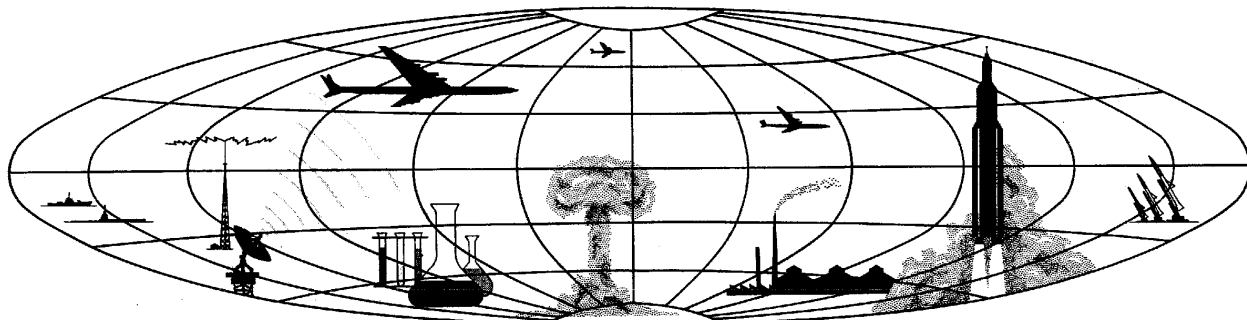
NAVY



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This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

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## MISSION COVERAGE INDEX

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## PREFACE

This Mission Coverage Index (MCI) represents the interpretation of aerial photographic material made [REDACTED] The MCI furnishes a listing of intelligence targets covered by Mission [REDACTED] 102. Items in the listing are arranged by (1) WAC area, and (2) coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

25X1C

25X1C

For the convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, and (2) alphabetically by place name.

The user of this MCI is cautioned that the scan of photography from Mission [REDACTED] 102 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, future detailed analysis may somewhat alter portions of the information.

25X1C

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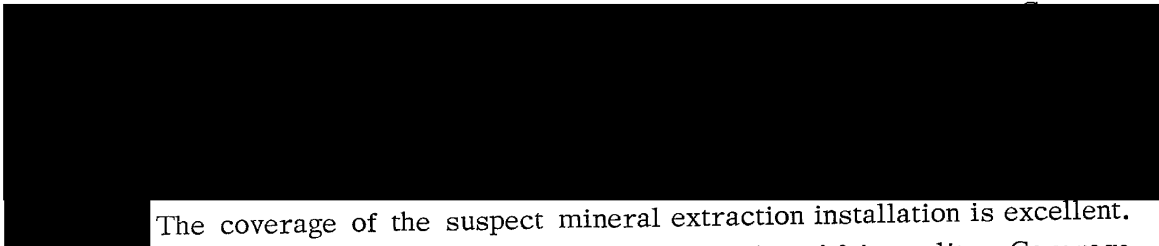
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SUMMARY

25X1C

Mission [REDACTED] 102, accomplished on 22 February 1962, covered portions of Communist China. Scattered to heavy clouds severely restrict interpretability of much of the photography.

25X2



25X2

The coverage of the suspect mineral extraction installation is excellent. The city of Lan-Chou appears on vertical photography of fair quality. Coverage of Wu-Kung Airfield reveals the presence of two BADGER aircraft.

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
25X1D HSING-LUNG-CHUANG, SUSPECT MINERAL EXTRACTION 9 NM NW OF HSING-LUNG-CHUANG. APPROXIMATELY 10 SQ MI IN AREA. CONSISTS OF SEVERAL SEPARATE AREAS WHICH CONTAIN PUMPHOUSES, POSSIBLE EXTRACTION OR PROCESSING FACILITIES, A LARGE THERMAL POWER PLANT, HOUSING, SHOPS, WAREHOUSES, AND A MARSHALLING YARD. SEVERAL OF THE AREAS ARE CONNECTED BY PIPELINES. SERVED BY A RAIL SPUR FROM THE LAN-CHOU/LHASA RAILROAD UNDER CONSTRUCTION. [REDACTED]	3656N 10047E	0332		21
25X1D HSI-NING AIRFIELD 4.6 NM SE OF HSI-NING. 6,800 X 230 FT NW/SE BLACKTOP RUNWAY, SERVICEABLE. SUPPORT AREA WEST OF RUNWAY. AIRCRAFT -- NONE OBSERVED. [REDACTED]	3633N 10159E	0332	25X1A [REDACTED]	5-B
25X1D HSI-NING/CHANG-YEH RR LINE RAIL LINE OBSERVED FROM HSI-NING NORTH FOR A DISTANCE OF APPROXIMATELY 3 NM TO EDGE OF COVERAGE. NO UNUSUAL ACTIVITY OBSERVED. [REDACTED]	3636N 10154E	0332		5-H
LAN-CHOU/LHASA RAILROAD U/C RAILROAD APPEARS COMPLETE FROM LAN-CHOU WEST THROUGH HSI-NING (36-37N 101-55E), AND THEN NW TO A TURNING WYE LOCATED 2 NM	3637N 10145E	0332		5-F

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	SW OF HSING-LUNG-CHUANG (36-56N 100-47E). [REDACTED]				
25X1D	HSI-NING AREA, PROSPECTING ACTIVITY SCATTERED SMALL EXCAVATIONS BETWEEN HUANG-YUAN AND HSI-NING. RAIL-SERVED. [REDACTED]	3637N 10146E	0332		5-G
25X1D	HSI-NING COMPLEX APPROXIMATELY 5 SQ MI IN AREA. INDUSTRIAL, TRANSPORTATION, AND AGRICULTURAL CENTER, CONTAINING SEVERAL INDUSTRIAL AREAS, RAILYARD, AND SHOPS. [REDACTED]	3637N 10155E	0332	25X1A [REDACTED]	5
25X1D	YEN-KUO, HYDROELECTRIC POWER PLANT APPROXIMATELY 15 NM UPSTREAM FROM LAN-CHOU IN YEN-KUO GORGE. CONCRETE DAM ON THE YELLOW RIVER WITH ASSOCIATED HYDROELECTRIC POWER PLANT. OPERATIONAL STATUS UNDETERMINED. [REDACTED]	3601N 10315E	0383		30
	LAN-CHOU COMPLEX APPROXIMATELY 35 SQ MI IN AREA, ALONG THE SOUTH BANK OF THE YELLOW RIVER. INDUSTRIAL, TRANSPORTATION, AND ADMINISTRATIVE CENTER. INDUSTRIES INCLUDE A LARGE OIL REFINERY, A CHEMICAL PLANT, AND NUMEROUS OTHER UNIDENTIFIED PLANTS. RAIL-SERVED. MILITARY	3602N 10346E	0383	25X1A [REDACTED]	3-A

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
<p>25X1D</p> <p>BARRACKS AREAS SCATTERED THROUGHOUT COMPLEX.</p> <p>[REDACTED]</p> <p>LAN-CHOU AIRFIELD</p> <p>ON EAST EDGE OF LAN-CHOU, NORTH OF THE</p> <p>LAN-CHOU/LUNG-HAI RAILROAD.</p> <p>7,500 X 300 FT ENE/WSW, GRADED SURFACE</p> <p>RUNWAY, SERVICEABLE.</p> <p>AIRCRAFT -- ONE POSSIBLE STRAIGHT-WING.</p> <p>[REDACTED]</p>	3602N 10352E	0383	25X1A [REDACTED]	1
[REDACTED]				
<p>PAO-CHI AREA, POSS AMMUNITION STORAGE</p> <p>15 NM SW OF PAO-CHI.</p> <p>55 DISPERSED STORAGE BUILDINGS, ROAD</p> <p>SERVED. SUPPORT AREA JUST NORTH OF STORAGE</p> <p>AREA CONSISTS OF ONE SHOP BUILDING, ONE</p> <p>ADMINISTRATION BUILDING, 2 BARRACKS, AND</p> <p>11 WAREHOUSES.</p> <p>[REDACTED]</p>	3413N 10654E	0384		9-C

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
25X1D	PAO-CHI AREA, POL STORAGE APPROXIMATELY 7 NM EAST OF PAO-CHI. 23 VERTICAL TANKS. SECURED AND RAIL-SERVED. [REDACTED]	3422N 10716E	0384		9-E
25X1D	PAO-CHI AIRFIELD .7 NM NORTH OF PAO-CHI. 3,600 X 150 FT NW/SE SOD RUNWAY, UNSERVICEABLE. AIRFIELD ABANDONED. BUILDINGS ON AND AROUND RUNWAY. [REDACTED]	3423N 10708E	0384	25X1A [REDACTED]	9-B
25X1D	PAO-CHI COMPLEX INDUSTRIAL AND TRANSPORTATION CENTER CONTAINING RAILROAD YARDS AND SHOPS, AND SEVERAL SMALL/MEDIUM INDUSTRIAL PLANTS. [REDACTED]	3423N 10709E	0384		9-D
25X1D	HU-HSIEN AIRFIELD 2.2 NM N OF HU-HSIEN. ENE/WSW RUNWAY, SURFACE AND DIMENSIONS UNDETERMINED. PROBABLY SERVICEABLE. SECURED, PROBABLE HE STORAGE AREA CONTAINING ONE LARGE BUILDING 2,000 FT NW OF WEST END OF RUNWAY. AIRCRAFT -- 11 CRATE, 8 PROBABLE UNIDENTIFIED AIRCRAFT. [REDACTED]	3409N 10836E	0384		5
25X2	[REDACTED]				

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	City, Installation	Coordinates	WAC	Installation Numbers	
				BE	NPIC
	25X2 				
	WU-KUNG AIRFIELD 8.5 NM ESE OF WU-KUNG. 8,200 X 250 FT E/W CONCRETE RUNWAY, SERVICEABLE. A LARGE SUPPORT AREA SOUTH OF THE RUNWAY CONTAINS A HOUSING AREA, AN ADMINISTRATION AREA, AND A POSSIBLE SHOP/ MAINTENANCE AREA COMPRISED OF 7 LARGE SHOPS, OF WHICH THE LARGEST IS 630 X 250 FT. SEVERAL OPEN STORAGE AREAS ARE LOCATED WITHIN THE SHOP/MAINTENANCE AREA. SUPPORT AREA IS RAIL-SERVED. AIRCRAFT -- TOTAL OF 38 INCLUDING ONE COLT, 2 BADGER, 9 BULL, AND 26 MOOSE/MAX. 	3417N 10815E	0384	25X1A 	13
25X1D					
25X1D					
25X1D	HSI-AN COMPLEX ONLY WEST EDGE OF COMPLEX VISIBLE. SEVERAL SMALL INDUSTRIES OBSERVED. 	3417N 10857E	0384	25X1A 	3
25X1D	HSING-PING AREA, POSSIBLE AMMO STORAGE APPROXIMATELY 3 NM EAST OF HSING-PING. AT LEAST 24 DISPERSED STORAGE BUILDINGS. SECURED. ROAD-SERVED. 	3419N 10831E	0384		35-A

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25X1D

25X1D

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25X1D

City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
LIU-CHIA HSIA, HYDROELECTRIC POWER PLANT APPROXIMATELY 21 NM UPSTREAM FROM LAN-CHOU ON THE YELLOW RIVER. DAM AND HYDROELECTRIC POWER PLANT UNDER CONSTRUCTION. [REDACTED]	3558N 10317E	0384		37
LAN-CHOU AREA, EXPLOSIVES STORAGE 35 NM SE OF LAN-CHOU. 52 REVETTED BUILDINGS APPROXIMATELY ONE NM WEST OF LAN-CHOU/HSI-AN RAILROAD LINE. SERVED BY RAIL SPUR. 10 BARRACKS IMMEDIATELY EAST OF STORAGE AREA. [REDACTED]	3544N 10421E	0384		36
SUI-NING AIRFIELD 2 NM SSE OF SUI-NING. APPROXIMATELY 4,500 X 4,500 FT SOD LANDING AREA, SERVICEABLE. AIRCRAFT -- 17 PROBABLE COLT. [REDACTED]	3030N 10535E	0495	25X1A	58
MIEN-YANG COMPLEX APPROXIMATELY 5 SQ MI IN AREA, ON WEST BANK OF FOU-CHIANG RIVER. CONTAINS AN INDUSTRIAL AREA WITH ONE POSSIBLE HEAVY INDUSTRY AND SEVERAL LIGHT INDUSTRIES, AND RAILROAD CLASSIFICATION YARDS. [REDACTED]	3127N 10445E	0495		54-A
[REDACTED]				

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				BE	NPIC
25X1D	[REDACTED]				
25X1D	PEI-LING PENINSULA, MILITARY ACTIVITY ON PEI-LING PENINSULA. NUMEROUS BARRACKS, TRENCH SYSTEMS, AND GUN POSITIONS SCATTERED THROUGHOUT. [REDACTED]	2617N 11947E	0499		23
25X1D	[REDACTED]				
25X1D	SAN-TU-TAO (ISLAND) MIL INSTALLATION ON SW END OF ISLAND. APPROXIMATELY 15 BARRACKS AND SUPPORT BUILDINGS. [REDACTED]	2639N 11941E	0499	25X1A	16
25X1D	[REDACTED]				
25X1D	SWATOW COMPLEX APPROXIMATELY 8 SQ MI IN AREA. COASTAL PORT WITH LIMITED PORT FACILITIES ON SW EDGE, SEVERAL SMALL INDUSTRIES, AND AN ABANDONED AIRFIELD. [REDACTED]	2322N 11640E	0614	[REDACTED]	37
25X1D	[REDACTED]				
25X1D	SHAN-TOU ARMY BARRACKS EAST 4 NM ENE OF SHAN-TOU (SWATOW). APPROXIMATELY 40 BARRACKS AND ADMINISTRATION BUILDINGS. [REDACTED]	2323N 11643E	0614	[REDACTED]	37-0

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25X1D	PU-NING, MILITARY GARRISON 3 NM SW OF PU-NING. AREA PARTIALLY CLOUD COVERED. APPROXIMATELY 100 BARRACKS OBSERVED. [REDACTED]	2324N 11610E	0614		29-A
25X1D	AN-FOU AREA, MILITARY GARRISON APPROXIMATELY 2 NM SW OF AN-FOU, AND APPROXIMATELY 5 NM NORTH OF SWATOW. APPROXIMATELY 60 BUILDINGS INCLUDING BARRACKS, SUPPORT, MAINTENANCE, AND ADMINISTRATIVE BUILDINGS. A SECURED STORAGE AREA CONTAINING 9 BUILDINGS IS LOCATED .5 NM NW OF THE GARRISON. [REDACTED]	2326N 11639E	0614		59
25X1D	SWATOW NORTHEAST AIRFIELD 5.5 NM NE OF SWATOW. 6,200 X 200 FT NNE/SSW CONCRETE RUNWAY, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. [REDACTED]	2326N 11645E	0614	25X1A [REDACTED]	37-A
25X1D	SWATOW AREA, ARMY BARRACKS ONE NM SOUTH OF WIA-SHA-HSIANG, ADJACENT TO SWATOW NE AIRFIELD. CONTAINS APPROXIMATELY 50 BARRACKS. [REDACTED]	2326N 11645E	0614		37-F
	SWATOW MILITARY GARRISON NW 8 NM NW OF SWATOW. CONSISTS OF APPROXIMATELY 300 BARRACKS,	2327N 11635E	0614	25X1A [REDACTED]	37-B

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	25X1D STORAGE, AND ADMINISTRATION BUILDINGS, AND NUMEROUS SUPPORT BUILDINGS. [REDACTED]				
25X1D	HSIA-KENG, MILITARY BARRACKS AREA JUST WEST OF THE VILLAGE OF HSIA-KENG, 10 NM NNE OF SWATOW. APPROXIMATELY 30 BARRACKS. [REDACTED]	2331N 11644E	0614		60
25X1D	CHIEH-YANG AREA, BARRACKS AREA APPROXIMATELY 3 NM NORTH OF CHIEH-YANG. 32 BARRACKS, FOUR OF WHICH ARE PARTIALLY RETTED, AND A LARGE RETTED COMPOUND CONTAINING 3 BUILDINGS. [REDACTED]	2335N 11621E	0614		12-A
25X1D	PU-TOU-FOU ARMY BARRACKS 7 NM SE OF CHAO-AN. APPROXIMATELY 45 BARRACKS AND SUPPORT BUILDINGS OBSERVED ON EDGE OF PHOTO COVERAGE. [REDACTED]	2339N 11647E	0614	25X1A [REDACTED]	30-A
25X1D	CHAO-AN MILITARY GARRISON (C) EAST 3 NM EAST OF CHAO-AN. CONSISTS OF APPROXIMATELY 90 BARRACKS, ADMINISTRATION, AND STORAGE BUILDINGS. [REDACTED]	2340N 11639E	0614		3-D
	CHAO-AN MILITARY GARRISON (A) NW ONE NM NW OF CHAO-AN. CONSISTS OF APPROXIMATELY 240 BUILDINGS INCLUDING BARRACKS, SUPPORT, STORAGE, AND	2341N 11638E	0614		3-B

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City, Installation	Coordinates	WAC	Installation Numbers	
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<p>25X1D</p> <p>ADMINISTRATION BUILDINGS.</p> <p>[REDACTED]</p> <p>NAN-AO-TAO AREA (ISLAND), MIL DEFENSES APPROXIMATELY 25 PERCENT OF ISLAND COVERED BY CLOUD-FREE PHOTOGRAPHY. NUMEROUS TRENCH SYSTEMS SCATTERED THROUGHOUT. NO SIGNIFICANT MILITARY ACTIVITY OBSERVED.</p> <p>[REDACTED]</p>	2326N 11703E	0614		23

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25X1D

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CHIEH-YANG AREA, BARRACKS AREA  
HSIA-KENG, MILITARY BARRACKS AREA  
HSING-PING AREA, POSSIBLE AMMO STORAGE  
NAN-AO-TAO AREA (ISLAND), MIL DEFENSES  
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PEI-LING PENINSULA, MILITARY ACTIVITY  
PU-NING, MILITARY GARRISON  
PU-TOU-FOU ARMY BARRACKS  
SAN-TU-TAO (ISLAND) MIL INSTALLATION  
SHAN-TOU ARMY BARRACKS EAST  
SWATOW AREA, ARMY BARRACKS  
SWATOW MILITARY GARRISON NW

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9  
5  
10  
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8  
9  
7  
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8  
8

25X1D

-NUCLEAR ENERGY-

25X1D

-STORAGE-

LAN-CHOU AREA, EXPLOSIVES STORAGE  
PAO-CHI AREA, POL STORAGE

6  
4

-URBAN COMPLEXES-

HSI-AN COMPLEX  
HSI-NING COMPLEX  
LAN-CHOU COMPLEX  
MIEN-YANG COMPLEX  
PAO-CHI COMPLEX  
SWATOW COMPLEX

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2  
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APPENDIX  
EXPLANATION OF COLUMN HEADINGS  
AND PHOTO REFERENCES

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

Coordinates -- Coordinates are given to the nearest minute. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0384-1 and an NPIC target numbered 0385-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

A photo reference is provided for every item in the target listing. The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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